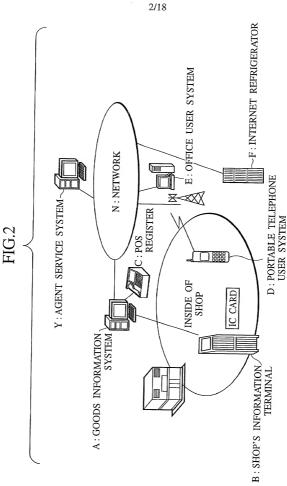
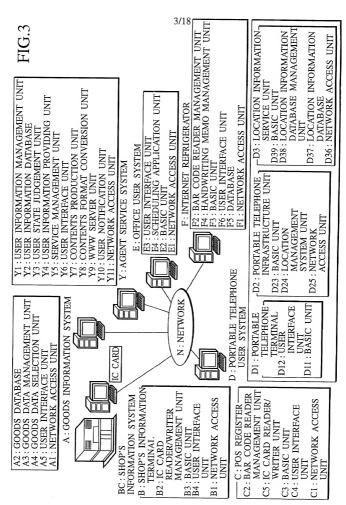
<u>IG.1</u>

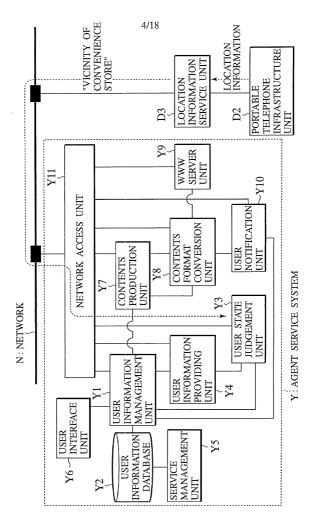
_	1/18				
EXEMPLARY INFORMATION TO BE EXCURANCED	USER'S SCHEDULE INFORMATION SHOPPING MEMO INFORMATION ELECTRONIC IMAGE DATA	SHOPPING MEMO INFORMATION REFRIGERATOR STOCK INFORMATION ELECTRONIC IMAGE DATA	WWW BROWSER SPEECH COMMUNICATIONS SHOPPING MEMO INFORMATION E-MAIL INFORMATION INFORMATION	CUSTOMER INFORMATION SHOPPING MEMO INFORMATION RECOMMENDED GOODS INFORMATION ELECTRONIC IMAGE DATA GOODS PURCHASE LOG	
INTERFACE	WWW BROWSER SCHEDULER SOFTWARE MESSAGING SOFTWARE E-MAIL DEDICATED SOFTWARE	WWW BROWSER MESSAGING SOFTWARE E-MAIL DEDICATED SOFTWARE	WWW BROWSER SPEECH COMMUNICATIONS E-MAIL	WWW BROWSER DEDICATED SOFTWARE MESSAGING SOFTWARE	
PHYSICAL TERMINAL	PC	INFORMATION ELECTRONIC APPLIANCE (INTERNET (REFRIGERATOR)	PORTABLE TELEPHONE	SHOP'S INFORMATION WWW BROWSER TERMINAL POS REGISTER MESSAGING SOF	
ENVIRONMENT PHYSICAL TERMINAL	ОFFICE	НОМЕ	MOBILE	SHOP	

rasteu Zennobeu





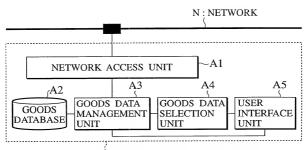






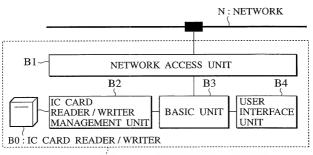
5/18

FIG.5

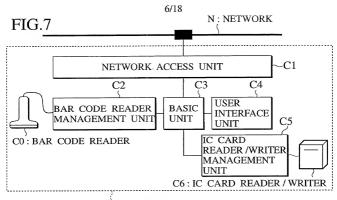


A: GOODS INFORMATION SYSTEM

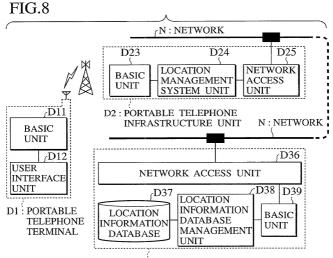
FIG.6



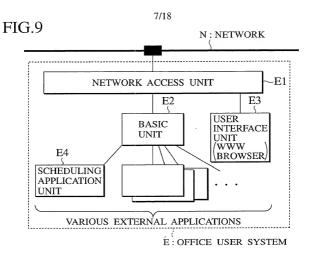
B: SHOP'S INFORMATION TERMINAL

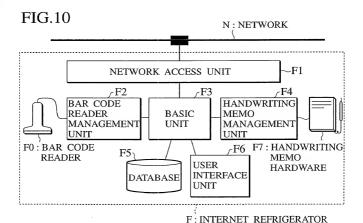


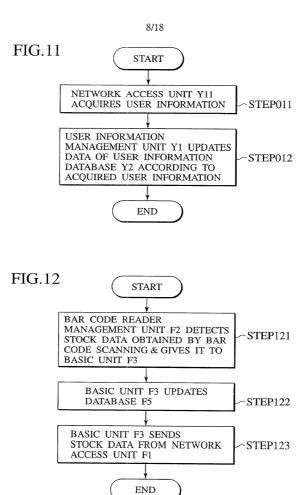
C: POS REGISTER



D3: LOCATION INFORMATION SERVICE UNIT



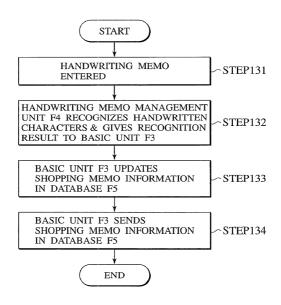




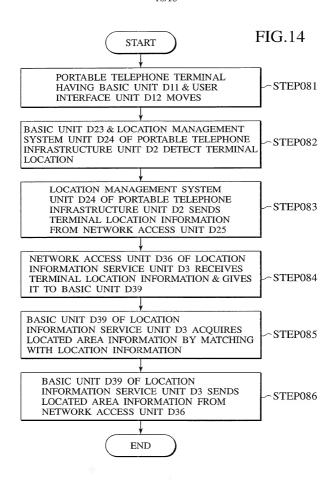
OBLON, SPIVAK, ET AL DOCKET #: 211371US2RD INV: Masanori HATTORI, et al SHEET 9 OF 18

9/18

FIG.13



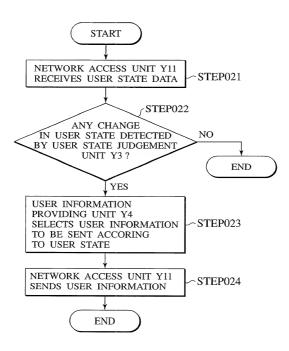
10/18



OBLON, SPIVAK, ET AL DOCKET #: 211371US2RD INV: Masanori HATTORI, et al SHEET 11 OF 18

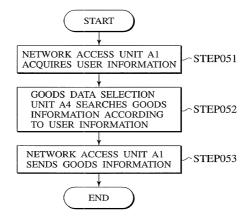
11/18

FIG.15

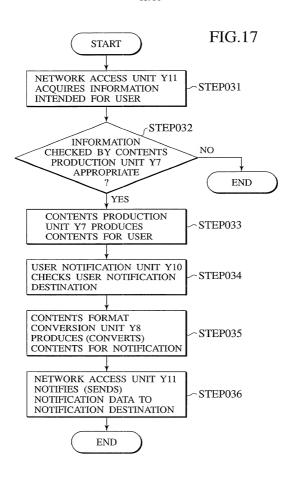


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12/18

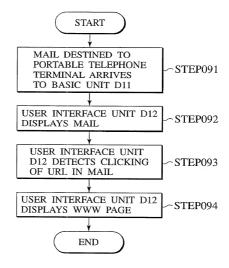


13/18



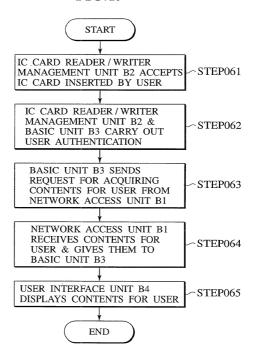
OBLON, SPIVAK, ET AL DOCKET #: 211371US2RD INV: Masanori HATTORI, et al SHEET 14 OF 18

14/18



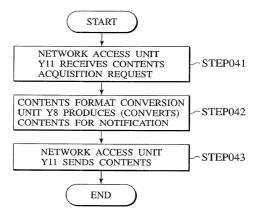
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15/18



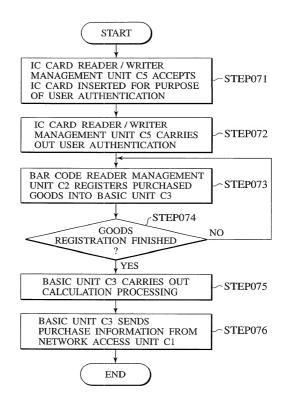
OBLON, SPIVAK, ET AL DOCKET #: 211371US2RD INV: Masanori HATTORI, et al SHEET 16 OF 18

16/18



OBLON, SPIVAK, ET AL DOCKET #: 211371US2RD INV: Masanori HATTORI, et al SHEET 17 OF 18

17/18



OBLON, SPIVAK, ET AL DOCKET #: 211371US2RD INV: Masanori HATTORI, et al SHEET <u>18</u> OF <u>18</u>

18/18

FIG.22

